

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00566

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl.?: C07K 17/02, 17/06, C09D 135/06, G01N 33/547		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CA, WPIDS, MEDLINE; KEYWORDS: COPOLYMER, ORTHOGONAL, COMBINATIONAL, ARRAY, LINKER, LIBRARY		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 6403368 B1 (Jan et al) 11 June 2002 Figures 1, 10, column 5 line 59 - column 6 line 18, claims	1-5, 9-42
P,X P,Y	US 6515039 B1 (Ulbricht et al) 4 February 2003 (& WO 00/12575 A1). Column 1 line 50- column 2 line 32, Figure 1, column 6 line 25 - column 7 line 29, column 8 line 20- column 9 line 26, examples, claims.	1-5, 9-13, 15-18, 20-23, 27-28, 30, 32-34, <u>36-42</u> 6-8
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search 19 June 2003	Date of mailing of the international search report 01 JUL 2003	
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer ROSS OSBORNE Telephone No : (02) 6283 2404	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 02/50171 A (POLYMERAT PTY LTD) 27 June 2002 Page 15 line 10 - page 24 line 4, claims 44-50	1,2, 4-5, 27-28, 32, 38, 42
X Y	US 6346413 B1 (Fodor et al) 12 February 2002 See figures, in particular figure 3, column 2 line 51-column 6 line 42 Column 6 lines 25-33	<u>42</u> 6
X Y	US 5922545 A (Mattheakis et al) 13 July 1999 Claims Claim 2	<u>42</u> 6-8
X	US 6329209 B1 (Wagner et al) 11 December 2001 Figures 1-7, column 3 lines 10-16, column 16 lines 8-28, claims	42
A	US 2002/0025380 A (Vanmaele et al) 28 February 2002 Whole document	

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00566

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member			
US 6403368	US 2002122875		US 2002106785		US 2002182719	
US 6515039	EP 1027379		WO 2000/12575		AU 58556/99	
WO 2002/50171	AU 2002/15694					
US 6346413	AU 58371/90		AU 77655/94		BR 9007425	
	CA 2054706		EP 476014		EP 619321	
	EP 902034		EP 953835		HK 613/95	
	HK 641/95		HU 59938		GB 2248840	
	NL 9022056		SG 135/95		ZA 9004354	
	WO 9015070		US 6551784		US 5143854	
	US 5405783		US 5510270		US 5547839	
	US 6124102		US 6225625		US 6309822	
	US 6403320		US 6395491			
US 6329209	AU 51023/99		AU 51025/99		CA 2337075	
	EP 1097380		EP 1097377		US 6406921	
	US 2002/106702		WO 2000/04389		WO 2000/04382	
US 2002/0025380	AU 2001/32932		EP 1252562		JP 2001216440	
	JP 2001216441		US 2002111907		WO 2001/55815	
US 5922545	AU 81246/94		WO 95/11922			

END OF ANNEX

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